NBCD Conference

Radiological Controls - Status Report

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Status Report

- Consolidated NBC equipment to one permit: NRMP 67004-T1NP
- No longer requires annual leak test for ACADA, except if suspect damage or is damaged, and before and after maintenance
- Recent amendment application provides coverage of devices for 1st responders to WMD and EOD at bases: APD2000, Vapor Tracer II, Itemiser III
- Provides for Centralized Storage Facility
  - Unit issues still require documented transactions
  - Possession of training allowances are regulated as usual

Status Report

- The March 2003 inventory was suspended due to the war
- Losses due to OIF/OEF:
  - 7 CAM's (2 CAM's missing maybe more)
  - 6 ACADA's
- March 2004 inventory will give more visibility of missing equipment
- LOGCOM/RADCON designated by Dep CMC (I&L) as USMC responsible office for radiological controls program

Key Challenges

- Recent inventory of USMC RADIAC equipment for report to Navy permit holder
  - Need to acquire USMC permit
  - Need to confirm inventory for permit
  - Need future TE requirements
  - Need radioactive check source for VDR-2
- Developing a web-based inventory

Key Challenges

- TB 9-1300-278 Guidelines for Safe Response to Handling, Storage, and Transportation Accidents Involving Army Tank Munitions or Armor Which Contain Depleted Uranium (DU)
  - Need to revise TB for USMC planning & use
  - Need TE requirements
- Army Contaminated Equipment Retrograde Team established to process tanks and equipment contaminated with DU at rear echelon area
  - Couldn't enter Iraq so Marines retrieved vehicles and delivered to Army
- Marines need to know about DU hazards and misperceptions of hazards (plus hazards of other radiation sources)

Real World Mishap

- Army 11th ACR at Camp Doha
- 2 Squads went to field, 1 remained behind
- Because of threat all vehicles remained combat loaded
- Heater caught fire in M992 ammunition carrier (155mm)
- 49 injured, 102 vehicles damaged or destroyed
- Camp not prepared for this type of mishap – NBC unit baffled
- Needed to reconstitute camp and forces

Information

- DA TB 9-1300-278 Guidelines for Safe Response to Handling, Storage, and Transportation Accidents Involving Army Tank Munitions or Armor Which Contain Depleted Uranium (DU)
- DA Pam 700-48 (P700 48.PDF), Handling Procedures for Equipment Contaminated with Depleted Uranium or Radioactive Commodities
- USMC TI-5104-15/2A, Special Handling Considerations for Tritium Fire Control Instruments
- DA TB 43-0116 List of Radioactive Materials
- NGIC-1162-325-98, Identification Guide for Radioactive Sources in Foreign Materiel
- The Medical NBC Battle book, USACHPPM
- USACHPPM TG-238, Radiological Sources of Potential Exposure and/or Contamination
- Def. Ammunition Center, AMMO-66, Radioactive Material Handling Safety (Modules 1-4)

http://www.logcom.usmc.mil/radcon

Issues

- Collaboration between TMDE, MCCDC, SYSCOM, FMF, and RADCON to acquire RADIAC permit
  - RECOMMEND working group
- Acquire radioactive check sources for VDR-2
- Revise Army TB 9-1300-278 for Marine Corps
- Develop POI for DU safe response guidelines – who, where, & the mechanism to teach
- Publish guidelines on other radiation sources found during MOUT and

Future Goals

- Establish working group to complete RADIAC permit application by 30 April 2004
- Collaborate to revise TB 9-1300-278
- RADCON interact more with OAG, MCCDC, TECOM, & PM NBC
- Provide better on-site health physics coverage to each MEF
- Make inventory reporting and reconciliation a seamless operation by August 2004